Quaderno di Studi e Notizie di Storia Naturale della Romagna

Ouad. Studi Nat. Romagna, 53: 247-256 (giugno 2021) ISSN 1123-6787

Fernando Pederzani

Some biographical and bibliographical information on the late specialists in aquatic coleoptera Kazimierz Galewski and Edward Tranda

Abstract

Having no news about the Polish colleague Kazimierz Galewski, specialist in aquatic beetles, met in Ravenna in the 70s of the last century, the author of this note searched the internet and asked Polish colleagues for news. This note reports the information collected on him and on another Polish naturalist, Edward Tranda, who in the same years dealt with aquatic beetles and had collaborated with Galewski. The lists of their scientific publications are updated.

Key words: Galewski, Tranda, publications, aquatic coleoptera.

Riassunto

[Notizie biografiche e bibliografiche su Kazimierz Galewski ed Edward Tranda, specialisti di coleotteri acquatici]

Non avendo più notizie del collega polacco Kazimierz Galewski, ricercatore e specialista di coleotteri acquatici, conosciuto a Ravenna negli anni '70 del secolo scorso, l'autore ha cercato informazioni su internet e ha chiesto notizie a colleghi entomologi polacchi. Questa nota riporta le informazioni raccolte su di lui e su un altro naturalista polacco, Edward Tranda, che in quegli stessi anni si occupava di coleotteri acquatici ed aveva collaborato con Galewski. Si fornisce la lista aggiornata delle loro pubblicazioni scientifiche.

The year 2015 caused the loss of two important Polish specialists in aquatic beetles. Edward Tranda, born in 1924 passed away on May 29, 2015 at Łódz, and Kazimierz Galewski born in 1928 passed away on November 4, 2015 at Warszawa.

Professor Kazimierz Galewski was a specialist in water-beetles and devoted himself especially to the study of the immature stages of Dytiscidae. The world War II was a terrible experience for him, including - as far as I know - a detention in a concentration camp. About 50 years ago, he spent a few days with me at Ravenna, and we collected insects in the surrounding wetlands. I was amazed to see how well he identified the immature stages of water beetles at first glance,

while I was absolutely unable to do so. He used to say that most species can be recognized by the way they walk or hide. In fact he was a great expert of water beetles and his company was very informative. As I noticed, and it is confirmed by Polish entomologists, Galewski was really a lonely person. He once said to me: "I have no relatives, nobody, my family is the Polish Academy of Science". This sentence denotes an elusive personality and a scientist completely devoted to his work. That is worth noting!

I thought the cause of such strange and lonely behaviour was what happened during World War II.

Professor Galewski was a secretive and mysterious figure even for his own generation of Polish entomologists, and for the younger generations almost a legendary figure. It is certain that he was never member of Polish Entomological Society and did not maintain contacts with other Polish entomologists, with the exception of Edward Tranda at the beginning of his work.

Unfortunately, after our meeting in Ravenna we lost touch and I didn't know anything about him anymore. Searching information from the internet I found he passed away at the age of 87. I found no obituary nor biographical notes. I have not even found a photograph of him. He didn't like being photographed.

The circumstances indicated above may somehow explain the fact that his death passed so unnoticed in his own country. A list of Galewski's publications was published on line by Tomasz Kabala and in a paper by Anders N. Nilsson in "The Balfour-Browne Club Newsletter" No 46 of Febr. 1990. (complete up to that year). An updated list is reported here below.

Besides studies on various branches of the Natural Sciences, namely zoogeography, ornithology and nature conservation, Edward Tranda PhD deepened the study of the Family Gyrinidae. He associated his academical activity with the University of Łódz, especially with the Natural Museum of that University, and co-operated with Kazimierz Galewski in some publications, though he abandoned entomology in his later years of work. Apart from strictly scientific activities he was the author and co-author of popular science publications and promoter of biological education of young people, a long time Chairman of the Regional Biological Olympic Comitee. He was also involved in social activities. In the years 1994-2002 he was the Chairman of the Pensioniers 'Section of the Polish Teachers' Union at the University of Łódz. Dr. Tranda was a well-known and respected person in his city and his death was notified by the Dean and all employees of the Faculty of Biology and Environmental Protection of the University of Łódz.

For a strange coincidence they died a few months apart from each other. I believe these two scientists did much credit to Polish entomology and their achievements are noteworthy. This biographical note and the lists of publications were prepared in co-operation with the Polish colleagues Czesław Greń and Krzysztof Lubecki, to whom I extend many thanks.

Kazimierz Galewski - publications

- 1 Galewski K., 1957. Przegląd krajowych gatunków z rodzaju *Rhantus* Dejean (Coleoptera, Dytiscidae) [Review of the Polish species of the genus *Rhantus* Dejean (Coleoptera, Dytiscidae)]. Ann.zool.Warszawa, 16 (17): 223-319 + 13 Pl.(XXXI-XLIII)
- 2 Galewski K., 1958. Młodsze postacie rozwojowe krajowych gatunków z rodzaju Rhantus Dejean (Coleoptera, Dytiscidae) (praca doktorska, nieoprawiony maszynopis). Instytut Zoologiczny PAN, Warszawa. [thesis]
- 3 Galewski K., 1963. Immature stages of the Central European species of *Rhantus* Dejean (Coleoptera, Dytiscidae). Polskie Pismo Entomologiczne, T. 33, nr 1: 1-93, tabl. 46.
- 4 Galewski K., 1963. The third stage larva of *Agabus unguicularis* Thoms. and *Agabus affinis* Payk. (Coleoptera, Dytiscidae). Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 11: 177-180.
- 5 Galewski K., 1964. Immature stages of the central European species of *Colymbetes* Clairville (Coleoptera, Dytiscidae). Annales Zoologici, T. 22, nr 2 : 23-55.
- 6 Galewski K., 1964. The hibernation of the adults of the European species of Dytiscidae (Coleoptera) out of water. Polskie Pismo Entomologiczne, T. 34, n 3 : 25-40.
- Galewski K., 1966. Developmental stages of the Central European species of *Ilybius* Erichson (Coleoptera, Dytiscidae). Polskie Pismo Entomologiczne, T. 36, nr 10: 117-211, tabl. 93.
- 8 Galewski K., 1967. The description of pupae of *Colymbetes paykulli* Er. and *C. dolabratus* (Payk.) with a key to the identification of pupae of the European species of *Colymbetes* Clairv. (Coleoptera, Dytiscidae). Annales Zoologici, T. 24, nr 5: 367-374.
- 9 Galewski K., 1968. The descriptions of larvae of *Colymbetes dolabratus* (Payk.) with keys to the identification of larvae of the European species of *Colymbetes* Clairv. (Coleoptera, Dytiscidae). Annales Zoologici, T. 26, nr 7: 227-238.
- 10 Galewski K., 1968. Descriptions of larvae of *Agabus uliginosus* (L.) and *A. congener* (Thunb.) (Coleoptera, Dytiscidae). Annales Zoologici, T. 26, nr 12 : 323-332.
- Galewski K., 1971. A study on morphobiotic adaptations of European species of the Dytiscidae (Coleoptera). Polskie Pismo Entomologiczne, T. 41, nr 3 : 487-702.
- 12 Galewski K., 1971. Pływakowate Dytiscidae. In: Klucze do oznaczania owadów Polski Cz. 19, zesz. 7, nr 70 serii kluczy : 1-112.
- 13 Galewski K., 1971. Plywakowate (Coleoptera, Dytiscidae) Bieszczadów [Diving beetles (Coleoptera, Dytiscidae) of the Bieszczady Mountains]. Fragmenta Faunistica, T. 17, nr 8: 179-211.
- 14 Galewski K., 1972. The first and second stage larvae of *Agabus unguicularis* Thoms. (Coleoptera, Dytiscidae). Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 20, no. 3 : 177-181.

- 15 Galewski K., 1972. The second and third stage larvae of *Agabus fuscipennis* (Payk.) (Coleoptera, Dytiscidae). Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 20, no. 4 : 237-240.
- 16 Galewski K., 1972. The female external genital apparatus in European species of Haliplidae (Coleoptera) and their significance for the species identification. Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 20, no. 11: 783-788.
- 17 Galewski K., 1972. Significance of the mandible shape for the identification of females of the European species of Haliplidae (Coleoptera). Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 20, no. 12 : 867-871.
- 18 Galewski K., Głazek J., 1973. An unusual occurrence of the Dytiscidae (Coleoptera) in the siliceous flowstone of the Upper Miocene cave at Przeworno, Lower Silesia, Poland. Acta Geologica Polonica, Vol. 23, no. 3: 445-461, tabl. 2.
- 19 Galewski K., 1973. Stadial differentiation in larvae of the Dytiscidae (Coleoptera). Polskie Pismo Entomologiczne, T. 43: 15-25.
- 20 Galewski K., 1973. Some notes on generic characters of the larvae of the subfamily Colymbetinae (Dytiscidae, Coleoptera) with a key for the identification of the European genera. Polskie Pismo Entomologiczne, T. 43: 215-224.
- Galewski K., 1973. On syntopic (symparic s.str.) species and a pair-species occurrence pattern in larvae of Dytiscidae (Coleoptera). Polskie Pismo Entomologiczne, T. 43, nr 2 : 225-232.
- Galewski K., 1973. Generic characters of the larvae of the subfamily Dytiscinae (Dytiscidae) with a key to the central Europe genera. Polskie Pismo Entomologiczne, T. 43: 491-498.
- 23 Galewski K., 1973. Diagnostic characters of larvae of central European species of *Hydaticus* Leach (Coleoptera, Dytiscidae) with some notes on their biology. Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 21, no. 7/8: 511-518.
- 24 Galewski K., 1973. Description of the second and third stage larvae of *Agabus subtilis* Er. and *A. nigroaeneus* Er. (Coleoptera, Dytiscidae) with some data on their biology. Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 21, no. 7/8: 519-529.
- 25 Galewski K., 1974. Some notes on the mandible form and the feeding habits of the adults of the European species of the Dytiscidae (Coleoptera). Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 22, no. 6 : 405-415.
- 26 Galewski K., 1974. Diagnostic characters of larvae of European species of *Graphoderus* Dejean (Coleoptera, Dytiscidae) with a identification key and some notes on their biology. Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 22, no. 7/8: 485-494.
- 27 Galewski K., 1974. The third stage larvae of the *Agabus affinis* Payk. group (Coleoptera, Dytiscidae) with the description of the larva of *A. biguttulus* Thoms. Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 22, no. 9 : 569-576.
- 28 Galewski K., 1974. Description of the third stage larva of *Hydrovatus cuspidatus* Kunze (Coleoptera, Dytiscidae). Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 22, no. 9 : 577-582.
- 29 Galewski K., 1974. The description of the third stage larvae of Agabus neglectus Er. and A.

- *chalconotus* (Panz.) (Coleoptera, Dytiscidae). Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 22, no. 10 : 685-691.
- 30 Galewski K., 1974. The ovipositor and egg-laying habits of the European specis of *Agabus* Leach (Coleoptera, Dytiscidae). Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 22, no. 10: 693-702.
- 31 Galewski K., 1975. Descriptions of the unknown larvae of the genus *Hydaticus* Leach and *Graphoderus* Dejean (Coleoptera, Dytiscidae) with some data on their biology. Annales Zoologici, T. 32, nr 11: 249-268.
- 32 Galewski K., 1976. Chrząszcze Coleoptera. Flisakowate Haliplidae. *In*: Klucze do oznaczania owadów Polski Cz. 19, zesz. 5, nr 90 serii kluczy, : 13-45.
- 33 Galewski K., 1976. Chrząszcze Coleoptera. Hygrobiidae. *In*: Klucze do oznaczania owadów Polski Cz. 19, zesz. 6, nr 90 serii kluczy: 47-52.
- 34 Galewski K., 1976. On the ecology of European species of *Agabus* Leach (Coleoptera, Dytiscidae). Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 24, no. 2 : 93-95.
- 35 Galewski K., 1976. On the identification of larvae of *Agabus guttatus* Payk. and *A. biguttatus* (O1.) (Coleoptera, Dytiscidae) with some data on the biology of the species. Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 24, no. 2: 97-100.
- 36 Galewski K., 1976. On the identification of larvae of *Agabus paludosus* (Fab.) (Coleoptera, Dytiscidae) with a key to the cental European *Agabus* species fund in running water. Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 24, no. 2 : 101-106.
- 37 Galewski K., 1976. Larval charaters of *Agabus bipustulanus* (L.), *A. solieri* Aubé, *A. subtilis* Er. and *A. nigroaeneus* Er. (Coleoptera, Dytiscidae). Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 24, no. 3 : 145-150, tabl. 2.
- 38 Galewski K., 1976. Diagnostic characters of the third stage larvae of *Agabus didymus* (O1.), *A. conspersus* (Marsh.) and *A. nebulosus* (Forst.) (Coleoptera, Dytiscidae) with some data on their biology. Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 24, no. 4 : 213-219, tabl. 2.
- 39 Galewski K., 1976. Familia: Haliplidae Aubé, 1836 & Familia: Dytiscidae Degeer, 1774. *In:* Burakowski B., Mroczkowski M. & Stefanska J., Katalog Fauny Polski, 28: 8-133.
- 40 Galewski K., Tranda E., 1978. Chrząszcze (Coleoptera). Rodziny Pływakowate (Dytiscidae), Flisakowate (Haliplidae), Mokrzelicowate (Hygrobiidae), Krętakowate (Gyrinidae). Fauna słodkowodna Polski Zesz. 10: 1-395.
- 41 Galewski K., 1978. Diagnostic characters of the third stage larvae of the central European species of *Agabus* Leach (Coleoptera, Dytiscidae) with a key to their identification. Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 26, no. 3 : 161-172, tabl. 1.
- 42 Galewski K., 1976. Diagnostic characters of the larvae of the European species of *Laccophilus* Leach (Coleoptera, Dytiscidae). Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 26, no. 4 : 263-268.

- 43 Galewski K., 1978. The description of the third stage larva of *Coelambus polonicus* Aubé (Coleoptera, Dytiscidae) with a key to the known larvae of the central European species of *Coelambus* Thoms. Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 26, no. 5 : 309-312.
- 44 Galewski K., 1978. First stage larvae of *Agabus subtilis* Er., *A. nigroaeneus* Er. and *A. fuscipennis* (Payk.) (Coleoptera, Dytiscidae). Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 26, no. 5 : 313-316, tabl. 2.
- 45 Galewski K., 1978. The first stage larvae of *Agabus affinis* (Payk.) *A. unguicularis* Thoms. and *A. biguttulus* Thoms. (Coleoptera, Dytiscidae). Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 26, no. 6 : 389-392, tabl. 2.
- 46 Galewski K., Głazek J., 1977. Upper Miocene Dytiscidae (Coleoptera) from Przeworno (Lower Silesia) and the problem of Dytiscidae evolution. Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 25, no. 12:781-789, tabl. 2.
- 47 Galewski K., 1979. Chrząszcze wodne (Haliplidae, Dytiscidae, Gyrinidae i Hydrophilidae) Pienin [The aquatic Coleoptera (Haliplidae, Dytiscidae, Gyrinidae and Hydrophilidae) of the Pieniny Mountains]. Fragmenta Faunistica, T. 24, nr 7: 227-281.
- 48 Galewski K., 1979. A description of the third stage larva of *Agabus arcticus* (Payk.) (Coleoptera, Dytiscidae). Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 27, no. 6: 487-491.
- 49 Galewski K., 1979. Description of the first, second and third stage larvae of *Agabus serricornis* Payk. (Coleoptera, Dytiscidae). Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 27, no. 6: 493-500.
- 50 Galewski K., 1979. Some notes on the third stage larvae of *Agabus chalconotus* (Panz.) and *A. melanocornis* Zimm. (Coleoptera, Dytiscidae). Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 27, no. 6 : 501-504.
- 51 Galewski K., 1980. Third stage larvae of European species species of *Agabus* Leach (Coleoptera, Dytiscidae). Polskie Pismo Entomologiczne, T. 50, no. 1 : 3-69.
- 52 Galewski K., 1981. Diagnostic characters of the pupae of the central European species of *Hydaticus* Leach (Coleoptera, Dytiscidae). Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 29, no. 1/2 : 27-33.
- 53 Galewski K., 1982. First stage larvae of *Agabus sturmi* (Gyll.), *A. labiatus* (Brahm) and *A. undulatus* (Schrank) (Coleoptera, Dytiscidae). Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 30, no. 1/12 : 69-74.
- 54 Galewski K., 1982. Descriptions of the first and third stage larvae of *Agabus striolatus* (Gyll.) (Coleoptera, Dytiscidae). Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 30, no. 1/12 : 75-80.
- 55 Galewski K., 1983. Preimaginal stages od Central-European species of *Hydaticus* Leach (Coleoptera, Dytiscidae). Polskie Pismo Entomologiczne, T. 53, no. 3 : 229-269.
- 56 Galewski K., 1983. First stage larvae of *Agabus congener* (Thunb.) *A. uliginosus* (L.) and *A. paludosus* (Fabr.) (Coleoptera, Dytiscidae). Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 29, no. 11/12 (1981): 457-462.

- 57 Galewski K., 1983. First stage larvae of *Agabus chalconotus* (Panz.) and *A. melanocornis* Zimm. (Coleoptera, Dytiscidae). Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 29, no. 11/12 (1981): 463-467.
- 58 Galewski K., 1983. First stage larvae of *Agabus guttatus* (Payk.), *A. biguttatus* (O1.) and *A. melanarius* Aubé (Coleoptera, Dytiscidae). Bulletin de l'Academie Polonaise des Sciences. Sér. des sciences biologiques, Vol. 29, no. 11/12 (1981): 469-474.
- 59 Galewski K., 1983. First stage larvae of *Agabus bipustulatus* (L.) and A. solieri Aubé (Coleoptera, Dytiscidae). Bulletin of the Polish Academy of Sciences. Biology, Vol. 31, no. 1/12:47-50, tabl. 2.
- 60 Galewski K., 1984. Diagnostic characters of the first stage larvae of the central European species of *Agabus* Leach (Coleoptera, Dytiscidae). Annales Zoologici, T. 38, nr 12 : 255-274.
- 61 Galewski K., 1984. Second stage larvae of *Agabus neglectus* Er. and *A. melanarius* Aubé (Coleoptera, Dytiscidae). Bulletin of the Polish Academy of Sciences. Biological Sciences, Vol. 32, no. 7/8: 257-261.
- 62 Galewski K., 1984. Second stage larvae of *Agabus bipustulatus* (L.) and *A. solieri* Aubé (Coleoptera, Dytiscidae). Bulletin of the Polish Academy of Sciences. Biological Sciences, Vol. 32, no. 11/12: 393-397.
- 63 Galewski K., 1984. Descriptions of the second larvae of *Agabus guttatus* (Payk.), *A. biguttatus* (O1.) and *A. paludosus* (Fabr.) (Coleoptera, Dytiscidae). Bulletin of the Polish Academy of Sciences. Biological Sciences, Vol. 32, no.11/12: 399-405.
- 64 Galewski K., 1985. Generic characters of the third stage larvae of Hydroporinae (Coleoptera, Dytiscidae) with a key to European genera. Polskie Pismo Entomologiczne, T. 55, nr 1 : 45-53.
- 65 Galewski K., 1985. Diagnostic sexual characters of central European species of *Hydaticus* Leach (Coleoptera, Dytiscidae). Polskie Pismo Entomologiczne, T. 55, nr 1 : 55-63.
- 66 Galewski K., 1986. Second stage larvae of *Agabus didymus* (Ol.), *A. conspersus* (Marsh.) and *A. nebulosus* (Forst.) (Coleoptera, Dytiscidae). Bulletin of the Polish Academy of Sciences. Biological Sciences, Vol. 34: 109-115.
- 67 Galewski K., 1986. Second stage larvae of *Agabus strumi* (Gyll.), *A. undulatus* (Schrank) and *A. labiatus* (Brahm) (Coleoptera, Dytiscidae). Bulletin of the Polish Academy of Sciences. Biological Sciences, Vol. 34, no. 4/6: 117-123.
- 68 Galewski K., 1986. Second stage larvae of *Agabus affinis* (Payk.) group (Coleoptera, Dytiscidae). Bulletin of the Polish Academy of Sciences. Biological Sciences, Vol. 34: 125-129.
- 69 Galewski K., 1986. Diagnostic characters of the second stage larvae of central European species of *Agabus* Leach (Coleoptera, Dytiscidae). Annales Zoologici, T.40, nr 8 : 397-415.
- 70 Galewski K., 1987. Some notes on the identification of the larvae of the genera *Agabus* Leach and *Ilybius* Er. (Coleoptera, Dytiscidae). Polskie Pismo Entomologiczne, T. 57: 461-469.
- 71 Galewski K., 1987. Some notes on generic characters of third larval instar of Central European species of *Coelambus* Thoms., *Hygrotus* Steph. and *Stictotarsus* Zimm. (Coleoptera, Dytiscidae). Polskie Pismo Entomologiczne, T. 57: 471-474.

- 72 Galewski K., 1987. Some ideas on the origin of species. Journal of Bengal Natural History Society, Vol. 6, no. 2:5-109.
- 73 Galewski K., 1990. First stage larvae of Central European species of *Hydaticus* Leach. (Coleoptera, Ditiscidae) with a key to all larval stages. Annales Zoologici, T. 43, nr 22 : 433-439
- 74 Galewski K., 1990. Some notes on the identification of larvae of *Colymbetes striatus* (L.) and *C. paykulli* Er. (Coleoptera, Dytiscidae). Bulletin of the Polish Academy of Sciences. Biological Sciences, T. 38, no. 1/12:71-76
- 75 Galewski K., 1990. The larvae of central European species of *Graphoderus* Dejean (Coleoptera, Dytiscidae). Polskie Pismo Entomologiczne, T. 60, nr 1/2 : 25-54.
- 76 Galewski K., 1990. Pływakowate Dytiscidae. Larwy z podrodziny Colymbetinae. Klucze do oznaczania owadów Polski Cz. 19, zesz. 7e, nr 142 serii kluczy: 1-143
- 77 Galewski K., 1990. Chrząszcze (Coleoptera). Rodzina: Kałużnicowate (Hydrophilidae). Fauna słodkowodna Polski Zesz. 10 A: 1-260.
- 78 Galewski K., 1991. The larvae of central European species of *Acilius* Leach (Coleoptera, Dytiscidae). Bulletin of the Polish Academy of Sciences. Biological Sciences, Vol. 39, no.3: 321-332.
- 79 Galewski K., 1994. The description of third-stage larvae of *Hydroporus tartaricus* Lec. and *H. marginatus* (Duft.) (Coleoptera, Dytiscidae) with a key to third-stage larvae of Central European Species of Hydroporini. Bulletin of the Polish Academy of Sciences. Biological Sciences, Vol. 42, nr 1: 95-113.
- 80 Galewski K., 1995. The description of third-stage larva of *Potamonectes assimilis* (Payk.) (Coleoptera, Dytiscidae) with keys to third-stage larvae of central European Deronectini. Bulletin of the Polish Academy of Sciences. Biological Sciences, Vol. 43, nr 2:127-137.
- 81 Galewski K., 1995. Pływakowate Dytiscidae. Larwy z podrodziny Dytiscinae [Beetles Coleoptera. Issue 7c. Diving beetles Dytiscidae. Larvae from the subfamily Dytiscinae]. Klucze do oznaczania owadów Polski Cz. 19, zesz. 7f, nr 147 serii kluczy : 1-38.
- 82 Galewski K., 1998. Pływakowate Dityscidae. Larwy z podrodziny Hydroporinae [Beetles Coleoptera. Issue 7c. Diving beetles Dytiscidae. Larvae from the subfamily Hydroporinae]. Klucze do oznaczania owadów Polski Cz. 19, zesz. 7c, nr 155 serii kluczy: 1-69.
- 63 Galewski K., 2001. The nature of species: an essay on evolution, part II (further considerations). Journal of Bengal Natural History, 18-20: 1-187.

Edward Tranda - Publications

- 1 Tranda E. 1956. Acilius canaliculatus Nic. pod Łowiczem. Pol. Pismo Ent., 24(Supl. 2): 177.
- 2 Tranda E. 1957. List do redakcji. Pol. Pismo Ent., B, 4(2): 137.
- Tranda E., 1958. Die Zwergtrappe (*Otis tetrax* L.) und andere seltene Vogelarten aus der Umgebung von Lodz. Acta Ornithologica Warszawa, 5: 211-215
- 4 Tranda E. 1959. Przyczynek do poznania makrofauny nowo powstałych stawków. Pol. Arch. Hydrobiol., 5: 91-100.
- 5 Tranda E., 1960. Description of the pupa and biology of *Potamonectes canaliculatus* (Lac.)

- (Coleoptera, Dytiscidae). Fragmenta Faunistica Warszawa, 8: 273-284
- 6 Tranda E., 1961. Occurrence of skuas (Stercorariidae) in Poland. Acta Ornithologica, 6: 41-45
- 7 Tranda E. 1964. Uwagi do znajomości krętakowatych (Coleoptera, Gyrinidae) Polski. Przegl. Zool., 8: 148-149.
- 8 Tranda E., Wojciechowski Z., Soszyński B., 1969. Ornitological notes from the Bieszczady and Beskid Niski Mountains. Zeszyty Naukowe Uniwesytetu Lodzkiego (Seria 2), 33: 67-70
- 9 Tranda E., 1969. Materialien zur Kenntnis der palaarktischen Arten der Gattung *Gyrinus* L. (Coleoptera, Gyrinidae)-*Gyrinus* (*Gyrinus*) *szechuanensis* Ochs. Zesz nauk Uniw Lodz (Ser 2), 33: 61-65
- Tranda E., 1970. On the evolutionary problems in zoological museology. Przegl. zool., 14: 390-396
- 11 Tranda E., 1970. Chrząszcze Coleoptera. Krętakowate--Gyrinidae. Klucze do Oznacz. Owad. Pol., 8 19 60 : 1-19.
- 12 Tranda E., 1972. Fauna Niebieskich Źródeł. Chrzaszcze wodne (Coleoptera) Zeszyty nauk Univ Lodz (Ser 2), 46: 65-74.
- 13 Tranda E., Sliwinski Z., 1975. 'Świat owadów' wystawa w Muzeum w Tomaszowie Mazowieckim. Przegląd Zool., 19 (2): 259-262.
- 14 Tranda E., 1978. Chrząszcze (Coleoptera). Krętakowate (Gyrinidae), *In*: Galewski K. & Tranda E., Chrząszcze (Coleoptera). Rodziny Pływakowate (Dytiscidae), Flisakowate (Haliplidae), Mokrzelicowate (Hygrobiidae), Krętakowate (Gyrinidae). Fauna Słodkowodna Polski, 10: 7-396.
- 15 Tranda E., 1980. 50 years of the Natural History Museum in Lodz. Przeglad Zoologiczny, 24 (2): 231-240.
- 16 Tranda E., Tymowska M. 1980. Problematyka entomologiczna w filmach popularnonaukowych zrealizowanych w Wytwórni Filmów Oświatowych w Łodzi. Wiad. Entomol. 1(2): 95-102.
- 17 Markowski J., Tranda E., Mojciechowski Z., 1981. Results of inventory of white stork Ciconia ciconia (L.) nests in the Lodz voivodeship for the years 1968-1970 on the basis of inquiry studies. Acta Universitatis Lodziensis Folia Zoologica et Anthropologica, 1: 107-126
- 18 Tranda E., Markowski J., Śliwiński Z., Wojciechowski Z. 1983. Fauna Łodzi dawiej i dziś. Kosmos, 32(1): 67-90.
- 19 Tranda E., 1983. Life and scientific activity of Wladyslaw Taczanowski (1819-1890). Przegląd Zoologiczny, 27 (3): 251-270.
- 20 Tranda E., Bis B., 1983. The structure and action of the secretion from the pygidial glands of whirligig beetles, (Coleoptera, Gyrinidae). Przegląd Zoologiczny, 27 (3): 285-293.
- 21 Tranda E., Markowski J., Stiwinski Z., Wojciechowski Z., 1983. The former and present fauna of the Lodz town.Kosmos (Warsaw), 32 (1): 67-90.
- 22 Zajac R.Z., Tranda E., 1987. Problems with gregarious roosts of starling in Poland and solution attempts. Przegląd Zoologiczny, 31 (1): 65-88
- 23 Olaczek R., Tranda E., 1990. Z biegiem Pilicy: Przyroda Polska. Wiedza Powszechna, Warszawa: 284 pp.

- 24 Markowski J., Wojciechowski Z., Kowalczyk J.K., Tranda E., Śliwiński Z.E., Soszyński B. 1998. Fauna Łodzi. Łódź. 110 pp.
- 25 Tranda E. 1999. Zwierzęta chronione w Polsce. Multico Oficyna Wydawnicza: 96 pp.
- 26 Tranda E., Jaroniewski W. 2007. Poznajemy Zwierzęta Chronione. Przewodnik do plecaka. Wydawnictwo Multico: 104 pp.

Author's address:

Fernando Pederzani via Landoni, 35 48121 Ravenna, Italy *e-mail*: pedernando@libero.it